

IN THE CLAIMS

Please amend the claims as follows.

- 1-9. (Canceled)
- ~~2~~ 10. (Previously presented) A vector comprising the nucleic acid of claim ~~1~~ ².
- ~~3~~ 11. (Previously presented) The vector of claim ~~10~~ ², wherein said vector is an expression vector.
- ~~4~~ 12. (Previously presented) The vector of claim ~~10~~ ² that is a prokaryotic vector.
- ~~5~~ 13. (Previously presented) The vector of claim ~~10~~ ² that is a eukaryotic vector.
- ~~6~~ 14. (Previously presented) A host cell comprising the vector of claim ~~10~~ ².
- ~~7~~ 15. (Previously presented) A host cell of claim ~~14~~ ⁶ that is a prokaryotic cell.
- ~~8~~ 16. (Previously presented) A host cell of claim ~~14~~ ⁶ that is a eukaryotic cell.

17-40. (Canceled)

- ~~1~~ 17. (Previously Presented) An isolated nucleic acid comprising a nucleotide sequence selected from the group consisting of:
- a nucleotide sequence as set forth in SEQ ID NO: 2;
 - a nucleotide sequence encoding the polypeptide as set forth in SEQ ID NO: 7;
 - a nucleotide sequence complementary to (a) or (b).

42-47. (Canceled)

- 9 ~~46~~. (Previously presented) A process of producing a peripheral-type benzodiazepine-associated protein (PAP) comprising culturing the host cell of either claim ~~15~~ or ~~18~~ under suitable conditions to express a peripheral-type benzodiazepine-associated protein-7 (PAP7) encoded by the nucleic acid.
- 10 ~~49~~. (Previously presented) The process of claim ~~46~~, wherein the vector further comprises a heterologous promoter operatively linked to the nucleotide sequence encoding the peripheral-type benzodiazepine-associated protein-7 (PAP7) polypeptide.
- 11 ~~50~~. (Previously presented) A reagent comprising a nucleic acid of claim ~~11~~, wherein the nucleic acid is detectably labeled.
- 12 ~~51~~. (Previously presented) A reagent comprising a single-stranded nucleic acid of claim ~~41~~, wherein the nucleic acid is complementary and is detectably labeled.
- 13 ~~52~~. (Previously presented) A reagent comprising a single-stranded nucleic acid of claim ~~41~~, wherein the nucleic acid amplifies peripheral-type benzodiazepine-receptor-associated protein-7 (PAP7) sequences.

53-82. (Canceled)